Table 12.6 Ozone Depleting Substances and Criteria Pollutants, 1980-2000

Year	Ozone Depleting Substances (thousand metric tons of gas)			Criteria Pollutants (million metric tons of gas)		
	CFC-11 CFC-12 CFC-113	HCFC-22	Methyl Chloroform	Carbon Monoxide	Nitrogen Oxides	Nonmethane VOCs
1980	NA	NA	NA	106.5	22.1	23.9
1981	NA	NA	NA	105.7	22.4	22.5
1982	NA	NA	NA	99.2	21.8	21.5
1983	NA	NA	NA	98.3	21.7	22.6
1984	NA	NA	NA	107.2	22.6	23.5
1985	R204.2	R24.9	R253.9	105.7	20.9	22.2
1986	R225.3	R28.5	R272.7	99.2	20.5	21.2
1987	R259.3	R29.7	R290.5	98.3	20.6	21.0
1988	R268.4	R30.9	R302.5	107.2	21.8	22.0
1989	R212.8	R32.7	R309.4	96.0	21.5	20.4
1990	R218.8	R34.0	R316.6	89.3	21.8	19.1
1991	R192.9	R35.4	R309.4	91.7	21.9	19.3
1992	R159.8	R35.2	R216.6	89.2	22.3	18.9
1993	R158.9	R35.3	R185.7	89.8	22.6	19.1
1994	R111.3	R37.7	R154.7	93.4	22.9	19.7
1995	R105.1	R39.3	R92.8	84.6	22.5	19.0
1996	62.1	R41.0	R0.0	R94.1	R23.1	R18.0
1997	48.2	R42.4	R0.0	R94.9	R23.3	R18.4
1998	45.9	R43.9	R0.0	R91.0	R23.0	R17.5
1999	R38.0	R74.1	R0.0	R91.8	R22.4	R17.6
2000P	40.0	79.1	0.0	98.1	21.9	18.5

R=Revised. P=Preliminary. NA=Not available.

Notes: • CFC = chlorofluorocarbons; HCFC = chlorodifluoromethane; and VOCs = volatile organic compounds. • Ozone depleting substances are gases containing chlorine that are being controlled under the Montreal Protocol because they deplete the earth's stratospheric ozone layer. They are also powerful greenhouse gases that have direct and indirect impacts on the earth's climate. • CFC-113, carbon tetrachloride, and methyl chloroform were primarily used as solvents until the production of these ozone depleting compounds ended in 1995. Emissions of these compounds will eventually end completely when all stockpiles are used. • Criteria pollutants are regulated as urban air pollutants. They are also powerful greenhouse gases that have direct and indirect impacts on Earth's climate. • Because estimation methods for greenhouse gases are currently being developed, data are frequently revised on an annual basis in keeping with the latest findings of the international scientific community.

Web Page: http://www.eia.doe.gov/environment.html.

Sources: **Ozone Depleting Substances:** • 1980 forward—Estimates from the U.S. Environmental Protection Agency. **Criteria Pollutants:** • 1980-2000—EIA, Office of Integrated Analysis and Forecasting estimates based upon data obtained from the U.S. Environmental Protection Agency: Air Pollutant Emission Trends Summaries (May 2002), Tables A2, A4,and A5.